



EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA DECEMBER QUARTER 1984

PHONE INQUIRIES *for more information about these statistics*—contact Mr Terry Sharp on Canberra (062) 52 6655 or any of our State offices.

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EXPLANATORY NOTES

Introduction

This publication contains results of the quarterly Survey of Employment and Earnings which was introduced in the September quarter 1983. The survey is designed to obtain from employers information on numbers of wage and salary earners employed each month and their quarterly earnings. It replaces the civilian employees series, based principally on information obtained from payroll tax returns, which was discontinued after April 1980.

2. Background information on the reasons for the introduction of the new survey is provided in *Information Paper: Review of ABS Employment Statistics* (6239.0) published on 8 July 1981. Further information on the differences in concepts, methodology and coverage of the old and new employment series is provided in *Information Paper: New Statistical Series: Employment, Average Weekly Earnings, Job Vacancies and Overtime* (6256.0) issued on 21 June 1984.

Scope of the survey

3. All wage and salary earners who received pay in the three months, 1 October to 31 December, 1984 were

represented in the survey, except:

- (a) members of the Australian permanent defence forces;
- (b) employees of enterprises in the private sector primarily engaged in agriculture, forestry, fishing and hunting;
- (c) employees in private households employing staff;
- (d) unpaid family helpers;
- (e) employees of overseas embassies, consulates, etc.;
- (f) employees based outside Australia;
- (g) self employed persons such as subcontractors, owner drivers and consultants.

4. Estimates of employed wage and salary earners within the scope of the survey are shown below, together with estimates of those wage and salary earners employed in agriculture, forestry, fishing, hunting, private households and members of the Australian permanent defence forces who are excluded from the scope of the survey.

NOVEMBER 1984
(' 000)

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
Estimates of employed wage and salary earners from survey of employers	1,834.3	1,433.4	773.4	454.6	467.5	143.2	49.4	111.6	5,267.4
Estimates of employed wage and salary earners out of scope of survey(a)	61.8	48.4	45.7	15.5	18.0	5.7	2.6	5.9	203.6

(a) Comprises estimates of wage and salary earners in the private sector employed in agriculture, forestry, fishing, hunting, private households and members of the permanent defence forces.

Survey design

5. The survey is conducted by mail each quarter with data collected on monthly employment and quarterly earnings. For the first and last month of each quarter the number of persons is collected; for the mid month of each quarter, details of males and females, full-time and part-time, are collected. (Estimates of full-time and part-time employees have not been included in this issue, but are available on request.)

6. For the *Private sector*, a sample of approximately 20,000 private employers was selected from the ABS register of businesses to ensure adequate State and industry representation. The statistical unit for the survey comprises all activities of an enterprise in a particular State. Each statistical unit was classified to an industry which reflected the predominant activity of the enterprise in the State. In a small number of cases where an enterprise had significant employment in more than one

industry, a separate statistical unit was created for each industry. The statistical units were stratified by State, industry and size of employment and a simple random sample selected from each stratum.

7. For the *Government sector*, statistical units were derived in the same way as for the private sector; data from *all* government units are collected in the survey.

Definitions

8. *Reference period* for the survey is the last pay-period ending on or before 19 October, 16 November and 21 December 1984.

9. *Number of employees* refers to all employees who received pay for any part of the relevant pay-period. All permanent, temporary, casual, managerial and executive employees are included. Part-time and casual employees who may have worked only a few hours during the reference period are included. Employees on *paid* leave and those employees on workers' compensation who continue to be paid through the employer's payroll are also included. Casual employees who work on an irregular basis and who were not paid during the relevant pay-period, employees on leave without pay, on strike or stood down without pay for the whole of the pay-period are excluded.

10. *Full-time employees* are permanent, temporary and casual employees who normally work the agreed or award hours for a full-time employee in their occupation and received pay for any part of the reference period; if agreed or award hours do not apply, employees are regarded as full-time if they ordinarily work 35 hours or more per week.

11. *Part-time employees* are permanent, temporary and casual employees who are not full-time employees as defined above.

12. *Government employees* comprise not only administrative employees but also all other employees of Commonwealth, State, local and semi-government bodies engaged in services such as railways, road transport, banks, postal and telecommunications, air transport, education, radio, television, police, public works, factories, marketing authorities, hospitals and welfare institutions.

13. *Commonwealth employees* are those employed by all government departments, agencies and authorities created by or reporting to the Commonwealth Parliament. Those bodies run jointly by Commonwealth and State governments are classified to Commonwealth.

14. *State employees* are those employed by all State government departments and authorities created by or reporting to State Parliaments, including organisations for which the Commonwealth has assumed financial responsibility e.g. universities. Following self-government, the Northern Territory administration has been classified as a 'State' government.

15. *Local Government employees* are those employed by municipalities and shires and other local authorities created by or subject to the provisions of local government legislation, such as county councils in New South Wales.

Reliability of estimates

16. As the estimates of private sector employment in this publication are based on information relating to a sample of employers rather than a full enumeration, they are subject to sampling variability. That is, they may differ from the figures that would have been produced if the information had been obtained from all employers. This difference, called sampling error, should not be confused with inaccuracy that may occur because of imperfections in reporting by respondents or in processing by ABS; such inaccuracy is referred to as non-sampling error and may occur in any enumeration, whether it be a full count or sample. Efforts have been made to reduce non-sampling error by careful design of questionnaires, detailed checking of returns and quality control of processing.

17. The sampling error associated with any estimate can be estimated from the sample results. One measure of sampling error is given by the standard error which indicates the degree to which an estimate may vary from the value that would have been obtained from a full enumeration (the 'true' figure). There are about two chances in three that a sample estimate differs from the true value by less than one standard error, and about nineteen chances in twenty that the difference will be less than two standard errors.

18. If the standard error of an estimate is large relative to the size of the estimate, this detracts seriously from the usefulness of that estimate.

19. Standard errors on *levels* for industries are shown only for the month of December. As the survey is conducted quarterly from a common sample of employers, which report employment details for each month of the quarter, standard errors on all estimates for total persons employed in October, November and December are of a similar magnitude.

20. Standard errors on *movements* provide a measure of the reliability of changes in the level of an estimate. In this issue, standard errors for movements relate to the change in level of estimates for persons between the months of September 1984 and December 1984. Table 1 also shows standard errors for annual movements in the level of estimates between the months of December 1983 and December 1984.

21. An example of the use of standard error on *levels* for the December 1984 estimates is as follows. Table 1 shows the estimated number of wage and salary earners for December 1984 as being 5,257,100 with a standard error of 18,700. Therefore there are about two chances in three that a full enumeration would have given a figure in the range 5,238,400 to 5,275,800 and about nineteen chances in twenty that it would be in the range 5,219,700 to 5,294,500.

22. Standard errors not shown in the publication are available on request.

Interpretation of estimates of movements

23. Whilst estimates of employed wage and salary earners are presented in this publication for each month of the calendar quarter, the survey is conducted quarterly and the sample of employers is updated each quarter to reflect changes in the ABS register of business units from which the sample is selected. These changes arise from the emergence of new businesses, takeovers and mergers, changes to industry classification, size of employment and businesses which have ceased operations.

24. Estimates of monthly movements within each calendar quarter arise solely from changes in reported employment by employers but quarterly movements also reflect changes resulting from updating the survey sample.

Comparability of results

25. The new series differs in several important ways from the former payroll tax-based civilian employees series and estimates of employed wage and salary earners provided by the Labour Force Survey. In particular, data are obtained directly from a sample survey of employers drawn from an ABS register of business units which is more complete than the coverage provided by employers subject to payroll tax. Comparability with Labour Force Survey estimates is affected by the use of a different survey methodology and definitions. In addition, because of unavoidable time delays, which can vary across States, lags occur between the birth of new businesses and their appearance on the ABS register. They will not be represented in the sample selected from the register for one or two calendar quarters after such businesses have commenced operation. As a consequence, estimates of movements in this series will lag those produced from the Labour Force Survey, particularly at a time of upward movement in the business cycle. A detailed description of the comparability between the new Survey of Employers series, the former payroll tax-based Civilian Employees series and the series provided by the Labour Force Survey is presented in the *Information Paper: New Statistical Series: Employment, Average Weekly Earnings, Job Vacancies and Overtime* (6256.0) referred to above.

26. Prior to July 1983 the number of government employees was derived from a variety of administrative sources and published in *The Labour Force, Australia* (6203.0). Commonwealth Government departments and authorities generally reported the number of employees on the payroll on the last working day of the month, but for State and local government employees data were usually provided for the last day of the last pay-period ending in the month. In an attempt to provide unduplicated estimates of the number of persons who were wage and salary earners, certain government returns were adjusted to exclude some part-time employees considered to have full-time jobs elsewhere.

27. Government employment figures for July 1983 and subsequent months are based on data obtained from government departments and authorities using the same questionnaire, definitions, reference period, collection and processing procedures as for the sample of private employers.

28. Because of the changes to collection arrangements, reference period, the treatment of part-time employees and inclusion of government employees in forestry and services to agriculture (11,200 in May 1983), differences occur between the new and old government series. To provide a statistical link between the new and old government series, information on the new and old basis for April, May and June 1983 was released in the September quarter 1983 issue of this publication.

Industry classification

29. Industry is classified according to the *Australian Standard Industrial Classification (ASIC) 1983 Edition*, (1201.0).

Related Publications

30. Users may also wish to refer to the following publications which are available on request:

The Labour Force, Australia (6203.0)—issued monthly (\$1.10, \$1.90 incl. postage)

Information Paper: Review of ABS Employment Statistics (6239.0)—issued 8 July 1981

Information Paper: New Statistical Series: Employment, Average Weekly Earnings, Job Vacancies and Overtime (6256.0)—issued 21 June 1984.

31. Current publications produced by the ABS are listed in the *Catalogue of Publications, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released in the next few days. The Catalogue and Publications Advice are available from any ABS office.

Unpublished statistics

32. In some cases, the ABS can also make available information which is not published. This information may be made available in one or more of the following forms: microfiche, photocopy, data tape, computer print-out, clerically-extracted tabulation. Generally, a charge is made for providing unpublished information. Inquiries should be made to the officer whose name appears in the *Phone Inquiries* section of the Inquiries box at the front of this publication, or to Information Services in the nearest ABS Office.

Symbols and other usages

- nil or rounded to zero
- r revised

33. Where figures have been rounded, discrepancies may occur between sums of the component items and totals.

R. J. CAMERON
Australian Statistician

TABLE 1. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA
PERSONS (' 000)

Month	N. S. W.	Vic.	Qld	S. A.	W. A.	Tas.	N. T.	A. C. T.	Aust.
1983—									
October	1,793.2	1,368.4	747.5	439.3	449.7	137.4	45.9	102.8	5,084.2
November	1,807.6	1,378.1	747.1	442.6	451.4	138.8	45.7	104.7	5,116.0
December	1,803.1	1,379.3	739.3	445.5	454.4	139.9	44.8	105.6	5,111.8
1984—									
January	1,753.2	1,339.7	730.7	431.8	430.7	134.7	43.7	102.8	4,967.5
February	1,782.4	1,367.0	739.3	441.4	437.4	137.0	44.3	104.5	5,053.4
March	1,796.5	1,374.0	743.6	443.1	441.6	138.6	44.8	107.1	5,089.4
April	1,799.1	1,370.0	747.9	447.8	448.2	138.9	45.5	107.6	5,104.9
May	1,787.4	1,369.3	758.3	450.3	451.4	139.3	46.2	108.9	5,111.1
June	1,806.3	1,378.1	756.7	448.5	451.2	136.5	46.8	108.6	5,132.8
July	1,822.1	1,386.6	762.2	448.4	454.9	139.5	47.1	108.6	5,169.2
August	1,828.5	1,393.3	767.6	450.7	457.3	139.5	47.1	108.8	5,192.8
September	1,825.9	1,403.5	766.7	447.5	456.7	137.5	47.4	107.4	5,192.8
October	1,832.9	1,426.0	770.9	452.3	463.1	141.1	49.5	110.2	5,246.0
November	1,834.3	1,433.4	773.4	454.6	467.5	143.2	49.4	111.6	5,267.4
December	1,835.8	1,429.4	769.0	456.3	464.4	142.6	49.0	110.6	5,257.1
Standard error(a)									
—level	10.9	9.9	7.9	5.3	5.0	2.6	2.1	1.8	18.7
—quarterly movement	6.9	6.0	4.3	3.3	2.9	1.3	1.9	1.1	11.3
—annual movement	10.4	9.8	6.9	5.4	5.9	2.2	2.1	1.8	18.2

(a) See Explanatory notes, paragraphs 16-22.

TABLE 2. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES
(' 000)

State/Sector	September 1984	October 1984	November 1984		December 1984		Standard error(a)	
	Persons	Persons	Males	Females	Persons	Persons		
							Level	Movement
New South Wales	1,825.9	1,832.9	1,076.5	757.8	1,834.3	1,835.8	10.9	6.9
Private	1,274.2	1,278.4	733.4	552.6	1,286.0	1,288.5	10.9	6.9
Government	551.7	554.5	343.1	205.2	548.2	547.4	—	—
Commonwealth	129.4	130.7	87.9	43.5	131.4	132.0	—	—
State	359.1	360.8	203.8	150.3	354.1	352.7	—	—
Local	63.2	63.1	51.4	11.3	62.7	62.7	—	—
Victoria	1,403.5	1,426.0	843.9	589.5	1,433.4	1,429.4	9.9	6.0
Private	971.3	994.3	582.9	418.7	1,001.7	1,002.3	9.9	6.0
Government	432.2	431.7	261.0	170.8	431.7	427.1	—	—
Commonwealth	100.1	99.8	70.5	30.1	100.6	100.3	—	—
State	292.4	292.5	167.0	124.7	291.7	287.2	—	—
Local	39.7	39.5	23.5	15.9	39.5	39.6	—	—
Queensland	766.7	770.9	468.3	305.1	773.4	769.0	7.9	4.3
Private	510.6	517.2	304.0	215.0	519.0	516.7	7.9	4.3
Government	256.1	253.7	164.3	90.1	254.4	252.2	—	—
Commonwealth	48.7	49.2	32.8	16.7	49.6	49.9	—	—
State	178.5	175.4	106.6	69.6	176.2	174.0	—	—
Local	28.9	29.1	24.9	3.8	28.7	28.4	—	—
South Australia	447.5	452.3	265.3	189.3	454.6	456.3	5.3	3.3
Private	298.8	301.5	175.7	128.2	303.8	306.5	5.3	3.3
Government	148.7	150.8	89.7	61.1	150.8	149.7	—	—
Commonwealth	37.4	36.8	27.7	9.0	36.7	36.8	—	—
State	103.0	105.9	55.8	50.2	105.9	104.9	—	—
Local	8.2	8.1	6.2	2.0	8.2	8.1	—	—
Western Australia	456.7	463.1	274.3	193.2	467.5	464.4	5.0	2.9
Private	305.5	311.2	183.7	131.5	315.2	317.3	5.0	2.9
Government	151.2	152.0	90.6	61.7	152.3	147.1	—	—
Commonwealth	25.6	25.7	16.8	8.8	25.7	26.0	—	—
State	115.6	116.3	66.1	50.6	116.7	111.0	—	—
Local	10.1	10.0	7.7	2.3	10.0	10.0	—	—
Tasmania	137.5	141.1	84.9	58.3	143.2	142.6	2.6	1.3
Private	87.0	88.4	53.1	37.1	90.2	91.7	2.6	1.3
Government	50.5	52.7	31.8	21.2	53.0	50.9	—	—
Commonwealth	10.0	10.1	7.3	2.8	10.1	10.1	—	—
State	37.0	39.2	21.8	17.8	39.6	37.5	—	—
Local	3.5	3.4	2.7	0.6	3.3	3.3	—	—
Northern Territory	47.4	49.5	28.9	20.6	49.4	49.0	2.1	1.9
Private	26.9	28.5	17.3	11.1	28.4	27.9	2.1	1.9
Government	20.6	21.1	11.5	9.5	21.0	21.1	—	—
Commonwealth	4.2	4.5	2.8	1.7	4.5	4.5	—	—
N.T. Government	15.6	15.8	8.1	7.6	15.7	15.8	—	—
Local	0.7	0.8	0.6	0.2	0.8	0.8	—	—
Australian Capital Territory	107.4	110.2	61.1	50.4	111.6	110.6	1.8	1.1
Private	41.6	43.0	22.3	21.5	43.8	42.9	1.8	1.1
Government	65.8	67.2	38.9	28.9	67.8	67.7	—	—
Australia	5,192.8	5,246.0	3,103.3	2,164.1	5,267.4	5,257.1	18.7	11.3
Private	3,515.8	3,562.4	2,072.4	1,515.7	3,588.1	3,593.8	18.7	11.3
Government	1,676.9	1,683.6	1,030.9	648.4	1,679.3	1,663.3	—	—
Commonwealth	421.0	423.6	284.4	141.5	425.9	427.0	—	—
State(b)	1,101.6	1,106.0	629.4	470.8	1,100.2	1,083.4	—	—
Local	154.3	153.9	117.1	36.1	153.2	152.9	—	—

(a) See Explanatory notes, paragraphs 16-22. (b) Includes the Northern Territory Government.

TABLE 3. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA—SECTOR AND INDUSTRY
(^{' 000})

	September 1984	October 1984	November 1984		December 1984		Standard error(a)	
Industry	Persons	Persons	Males	Females	Persons	Persons	Level	Movement
PRIVATE								
Mining	80.5	81.0	74.4	6.6	81.0	81.0	1.3	1.1
Manufacturing	976.5	972.3	709.6	266.7	976.2	970.6	5.5	3.5
Food, beverages and tobacco	165.3	165.3	116.3	49.2	165.5	162.9	2.1	1.6
Textiles, clothing and footwear	104.2	104.6	36.2	68.3	104.4	103.1	1.5	0.9
Wood, wood products and furniture	71.0	70.8	61.0	10.4	71.4	71.1	1.2	0.6
Paper, printing and publishing	96.2	93.6	64.7	30.1	94.8	94.2	1.5	0.8
Chemical, petroleum and coal products	53.7	55.2	40.2	15.2	55.4	55.4	2.1	2.0
Non-metallic mineral products	40.4	40.7	35.6	5.1	40.7	40.6	0.7	0.5
Basic metal products	74.1	73.5	67.5	6.0	73.5	73.3	0.4	0.2
Fabricated metal products	88.2	88.8	73.6	16.7	90.3	90.3	1.7	0.9
Transport equipment	88.8	89.0	74.8	13.9	88.7	87.7	0.5	0.4
Other machinery and equipment	136.3	133.0	100.0	33.6	133.6	133.7	2.8	1.4
Miscellaneous manufacturing	58.3	57.7	39.7	18.3	58.0	58.3	1.6	1.0
Electricity, gas and water	6.0	5.8	4.9	0.8	5.8	5.8	—	—
Construction	181.8	191.6	163.6	31.2	194.8	190.5	6.0	3.6
Wholesale and retail trade	994.7	1,012.8	553.0	469.5	1,022.6	1,039.4	10.5	6.2
Wholesale trade	319.5	324.7	228.9	97.2	326.1	328.3	5.1	4.2
Retail trade	675.3	688.1	324.1	372.3	696.4	711.1	9.1	4.6
Transport and storage	125.6	130.7	102.2	30.3	132.5	134.3	2.8	2.4
Road transport	69.8	72.1	60.0	12.8	72.8	73.0	2.6	2.2
Other transport	55.8	58.7	42.3	17.5	59.8	61.3	1.2	1.0
Finance, property and business services	460.8	469.3	230.9	240.1	470.9	470.8	7.7	4.0
Community services	365.9	370.2	88.7	282.9	371.7	367.8	6.5	3.1
Health	178.2	181.7	25.6	156.2	181.9	182.3	4.1	1.6
Education	80.0	80.7	22.7	57.5	80.1	76.4	2.4	1.1
Other community services	107.6	107.7	40.4	69.2	109.6	109.1	4.5	2.4
Recreation, personal and other services(b)	324.0	328.7	145.0	187.5	332.5	333.5	7.4	4.9
Total all industries	3,515.8	3,562.4	2,072.4	1,515.7	3,588.1	3,593.8	18.7	11.3
GOVERNMENT								
Agriculture, forestry, fishing and hunting	12.0	11.9	9.8	1.7	11.5	11.3	—	—
Mining	6.8	6.7	6.5	0.2	6.7	6.7	—	—
Manufacturing	54.2	54.0	47.5	6.0	53.5	53.5	—	—
Electricity, gas and water	135.3	135.0	122.8	12.4	135.2	135.2	—	—
Construction	50.3	50.5	44.7	6.0	50.8	50.4	—	—
Wholesale and retail trade	5.6	5.6	3.7	1.9	5.6	5.7	—	—
Transport and storage	149.4	149.3	135.8	14.9	150.7	151.3	—	—
Communication	128.1	128.2	99.8	29.5	129.2	130.9	—	—
Finance, property and business services	94.9	96.3	45.5	50.8	96.3	96.4	—	—
Public administration and defence(c)	296.8	298.3	194.7	103.8	298.4	297.6	—	—
Community services	720.6	725.6	308.6	410.8	719.4	702.3	—	—
Health	260.8	260.0	73.6	186.5	260.1	260.4	—	—
Education	358.3	363.6	154.9	202.4	357.3	339.7	—	—
Other community services	101.5	102.0	80.1	21.9	102.0	102.2	—	—
Recreation, personal and other services	23.1	22.3	11.6	10.4	22.0	22.0	—	—
Total all industries	1,676.9	1,683.6	1,030.9	648.4	1,679.3	1,663.3	—	—
Total Private and Government	5,192.8	5,246.0	3,103.3	2,164.1	5,267.4	5,257.1	18.7	11.3

(a) See Explanatory notes, paragraphs 16-22. (b) Excludes private households employing staff. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates, etc.

TABLE 4. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA—INDUSTRY
(' 000)

Industry	September 1984	October 1984	November 1984		December 1984		Standard error(a)	
	Persons	Persons	Males	Females	Persons	Persons	Level	Movement
Mining	87.3	87.7	80.9	6.8	87.6	87.8	1.3	1.1
Manufacturing	1,030.6	1,026.3	757.0	272.7	1,029.7	1,024.0	5.5	3.5
Food, beverages and tobacco	170.0	170.3	120.3	49.8	170.1	167.5	2.1	1.6
Textiles, clothing and footwear	105.3	105.6	36.4	69.0	105.4	104.1	1.5	0.9
Wood, wood products and furniture	72.8	72.6	62.6	10.6	73.2	72.9	1.2	0.9
Paper, printing and publishing	100.8	98.2	68.0	31.3	99.3	98.7	1.5	0.8
Chemical, petroleum and coal products	57.8	59.3	43.0	16.5	59.5	59.6	2.1	2.0
Non-metallic mineral products	40.7	41.0	35.9	5.1	40.9	40.9	0.7	0.5
Basic metal products	74.5	73.8	67.8	6.0	73.8	73.7	0.4	0.2
Fabricated metal products	91.9	92.4	76.9	17.0	94.0	94.0	1.7	0.9
Transport equipment	119.2	119.2	104.0	14.9	118.9	117.9	0.5	0.4
Other machinery and equipment	139.4	136.1	102.4	34.2	136.6	136.7	2.8	1.4
Miscellaneous manufacturing	58.3	57.8	39.8	18.3	58.0	58.3	1.6	1.0
Electricity, gas and water	r141.3	140.7	127.7	13.2	141.0	140.9	—	—
Construction	232.0	242.1	208.3	37.3	245.6	240.9	6.0	3.6
Wholesale and retail trade	1,000.4	1,018.4	556.7	471.5	1,028.2	1,045.1	10.5	6.2
Wholesale trade	324.1	329.3	232.2	98.6	330.8	333.2	5.1	4.2
Retail trade	676.2	689.0	324.5	372.8	697.3	712.0	9.1	4.6
Transport and storage	275.0	280.0	238.0	45.2	283.2	285.6	2.8	2.4
Road transport	89.7	91.6	77.9	14.5	92.4	92.6	2.6	2.2
Other transport	185.3	188.5	160.2	30.7	190.8	193.0	1.2	1.0
Communication	128.2	128.3	99.8	29.5	129.4	131.0	—	—
Finance, property and business services	555.7	565.6	276.4	290.9	567.2	567.2	8.1	4.8
Public administration and defence(b)	r296.8	298.3	194.7	103.8	298.4	297.6	—	—
Community services	1,086.4	1,095.7	397.3	693.7	1,091.0	1,070.1	6.5	3.1
Health	439.0	441.7	99.2	342.7	442.0	442.7	4.1	1.6
Education	438.3	444.3	177.6	259.9	437.5	416.1	2.4	1.1
Other community services	209.1	209.8	120.5	91.1	211.6	211.3	4.5	2.4
Recreation, personal and other services(c)	347.1	351.0	156.6	197.9	354.5	355.5	7.4	4.9
Total all industries(d)	5,192.8	5,246.0	3,103.3	2,164.1	5,267.4	5,257.1	18.7	11.3
Standard error(a)—level	17.5	18.3	11.8	11.0	18.7	18.7		

(a) See Explanatory notes, paragraphs 16-22. (b) Excludes members of permanent defence forces and employees of overseas embassies, consulates, etc. (c) Excludes private households employing staff. (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting (11,300 at December 1984).

TABLE 5. EMPLOYED WAGE AND SALARY EARNERS, NEW SOUTH WALES—INDUSTRY
(' 000)

Industry	September 1984	October 1984	November 1984		December 1984		Standard error(a)	
	Persons	Persons	Males	Females	Persons	Persons	Level	Movement
Mining	28.7	27.4	26.1	1.2	27.3	27.3	0.6	0.9
Manufacturing	368.9	364.2	266.8	98.8	365.6	363.1	3.7	1.7
Food, beverages and tobacco	52.6	52.4	36.1	16.7	52.7	52.7	1.3	1.0
Textiles, clothing and footwear	31.2	29.8	9.9	19.9	29.8	28.8	1.1	0.7
Wood, wood products and furniture	24.3	23.9	20.3	3.6	24.0	23.9	0.8	0.3
Paper, printing and publishing	35.9	34.5	22.3	12.1	34.4	34.2	1.1	0.5
Chemical, petroleum and coal products	25.9	25.7	17.1	8.6	25.7	25.7	0.4	0.2
Non-metallic mineral products	13.3	13.0	11.2	1.7	12.9	12.9	0.3	0.3
Basic metal products	38.5	37.6	34.8	2.8	37.5	37.2	0.1	0.1
Fabricated metal products	33.6	34.7	28.5	6.7	35.2	35.1	1.1	0.5
Transport equipment	29.9	29.8	27.0	3.0	30.0	29.6	0.3	0.2
Other machinery and equipment	61.3	60.5	44.9	16.2	61.1	60.8	2.3	0.5
Miscellaneous manufacturing	22.3	22.3	14.8	7.5	22.3	22.3	1.3	0.7
Electricity, gas and water	50.7	50.8	45.8	5.0	50.9	50.8	—	—
Construction	75.3	78.4	65.5	13.4	78.9	77.9	2.7	1.8
Wholesale and retail trade	357.7	356.0	191.7	167.5	359.2	366.3	6.6	4.0
Wholesale trade	123.6	121.1	82.9	39.4	122.3	123.5	2.3	2.5
Retail trade	234.1	234.9	108.8	128.1	236.9	242.8	6.2	3.2
Transport and storage	103.9	105.8	89.2	18.2	107.4	107.4	2.3	2.1
Communication	47.2	47.5	36.4	11.1	47.5	48.3	—	—
Finance, property and business services	227.1	233.4	109.9	123.1	233.0	232.3	5.1	3.5
Public administration and defence(b)	89.4	90.1	60.1	30.2	90.3	89.7	—	—
Community services	347.5	348.5	120.4	220.8	341.1	339.6	3.1	1.2
Health	147.1	144.7	32.4	112.3	144.8	145.2	2.2	0.8
Education	131.6	134.3	50.5	76.1	126.7	125.0	1.1	0.5
Other community services	68.8	69.4	37.4	32.3	69.7	69.4	1.8	0.8
Recreation, personal and other services(c)	125.9	127.4	61.8	67.8	129.6	129.6	3.7	2.4
Total all industries(d)	1,825.9	1,832.9	1,076.5	757.8	1,834.3	1,835.8	10.9	6.9
Standard error(a)—level	10.4	10.7	6.2	6.9	10.8	10.9		

For footnotes see Table 4.

TABLE 6. EMPLOYED WAGE AND SALARY EARNERS, VICTORIA—INDUSTRY
(^{' 000})

Industry	September 1984	October 1984	November 1984		December 1984		Standard error(a)	
	Persons	Persons	Males	Females	Persons	Persons	Level	Movement
Mining	7.2	7.3	6.7	0.7	7.4	7.4	0.1	0.1
Manufacturing	352.0	355.2	249.3	107.7	357.0	357.1	3.3	2.6
Food, beverages and tobacco	48.5	49.2	35.3	14.6	49.9	50.2	1.4	1.0
Textiles, clothing and footwear	58.0	59.2	20.7	38.3	59.0	58.8	1.0	0.4
Wood, wood products and furniture	17.6	17.9	15.5	2.5	18.0	18.0	0.4	0.3
Paper, printing and publishing	32.6	31.8	22.6	9.4	32.0	32.0	0.7	0.5
Chemical, petroleum and coal products	20.3	23.0	16.9	6.3	23.2	23.3	1.9	2.0
Non-metallic mineral products	12.1	12.3	10.3	2.0	12.3	12.3	0.4	0.3
Basic metal products	12.2	12.5	10.8	1.6	12.4	12.3	0.2	—
Fabricated metal products	29.6	29.3	23.9	5.6	29.5	29.3	0.8	0.4
Transport equipment	54.0	54.6	46.0	9.1	55.1	55.0	0.2	0.1
Other machinery and equipment	45.5	44.1	32.4	11.6	44.0	44.2	1.4	1.0
Miscellaneous manufacturing	21.7	21.4	15.0	6.6	21.6	21.7	0.6	0.3
Electricity, gas and water	40.1	39.8	36.3	3.8	40.1	40.1	—	—
Construction	53.4	55.8	48.8	8.8	57.6	55.6	3.2	1.9
Wholesale and retail trade	257.8	269.6	152.9	120.2	273.0	275.9	5.9	3.0
Wholesale trade	86.1	93.3	65.5	28.0	93.5	92.4	3.3	2.3
Retail trade	171.6	176.3	87.4	92.2	179.6	183.5	4.8	2.0
Transport and storage	65.4	66.3	55.9	10.7	66.5	67.8	0.9	0.9
Communication	33.6	32.7	26.0	7.6	33.6	33.4	—	—
Finance, property and business services	141.2	142.7	72.6	70.2	142.8	142.7	3.2	2.0
Public administration and defence(b)	73.7	73.7	44.1	29.4	73.5	73.7	—	—
Community services	291.5	295.1	110.0	184.4	294.4	287.8	4.3	1.4
Health	114.2	116.8	27.4	89.1	116.4	116.5	2.3	0.9
Education	123.6	123.3	51.7	71.0	122.8	115.5	1.6	0.6
Other community services	53.7	55.0	30.9	24.3	55.2	55.8	3.2	0.9
Recreation, personal and other services(c)	84.8	84.8	39.0	45.7	84.7	85.2	3.7	3.3
Total all industries(d)	1,403.5	1,426.0	843.9	589.5	1,433.4	1,429.4	9.9	6.0
Standard error(a)—level	9.4	10.0	6.9	5.7	10.3	9.9		

For footnotes see Table 4.

TABLE 7. EMPLOYED WAGE AND SALARY EARNERS, QUEENSLAND—INDUSTRY
(' 000)

Industry	September 1984	October 1984	November 1984		December 1984		Standard error(a)	
	Persons	Persons	Males	Females	Persons	Persons	Level	Movement
Mining	18.6	18.9	17.7	1.2	18.9	18.8	0.6	0.4
Manufacturing	120.3	117.9	91.8	24.4	116.3	113.8	1.9	1.3
Food, beverages and tobacco	33.9	33.9	24.4	7.8	32.2	29.5	0.8	0.7
Chemical, petroleum and coal products; non-metallic mineral products	11.4	10.8	9.5	1.3	10.8	10.7	0.8	0.5
Metal products	18.5	17.9	16.1	2.4	18.5	19.0	0.8	0.4
Transport equipment	14.1	13.7	11.9	0.9	12.8	12.7	0.3	0.3
Other machinery and equipment	9.4	9.5	8.0	1.5	9.5	9.6	0.6	0.3
Other manufacturing(b)	33.0	32.2	22.0	10.6	32.5	32.3	1.1	0.7
Electricity, gas and water	19.5	19.3	17.3	1.9	19.2	19.3	—	—
Construction	44.5	46.6	40.6	6.4	46.9	45.3	3.3	2.1
Wholesale and retail trade	162.9	166.4	90.8	77.3	168.1	170.1	3.7	1.9
Wholesale trade	48.5	48.9	35.2	13.5	48.7	48.6	1.8	1.0
Retail trade	114.4	117.6	55.5	63.8	119.3	121.5	3.2	1.6
Transport and storage	47.8	48.3	42.8	6.0	48.8	48.3	0.9	0.6
Communication	20.9	21.2	16.7	4.6	21.3	21.8	—	—
Finance, property and business services	70.9	71.4	36.6	35.1	71.7	71.9	2.8	1.2
Public administration and defence(c)	42.9	43.1	31.0	12.2	43.2	43.0	—	—
Community services	160.6	158.9	59.4	100.2	159.6	157.2	1.9	1.2
Health	62.7	63.0	14.5	49.0	63.4	63.6	1.3	0.8
Education	66.1	64.0	25.0	39.0	64.0	61.4	1.1	0.7
Other community services	31.8	31.9	19.9	12.2	32.2	32.1	0.8	0.6
Recreation, personal and other services(d)	55.3	56.3	21.5	35.3	56.9	57.1	4.7	2.3
Total all industries(e)	766.7	770.9	468.3	305.1	773.4	769.0	7.9	4.3
Standard error(a)—level	7.3	7.8	5.3	4.3	7.9	7.9		

(a) See Explanatory notes, paragraphs 16-22. (b) Includes textiles, clothing and footwear; wood, wood products and furniture; paper, printing and publishing; miscellaneous manufacturing. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates, etc. (d) Excludes private households employing staff. (e) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting.

TABLE 8. EMPLOYED WAGE AND SALARY EARNERS, SOUTH AUSTRALIA—INDUSTRY
(^{' 000})

Industry	September 1984	October 1984	November 1984		December 1984		Standard error(a)	
	Persons	Persons	Males	Females	Persons	Persons	Level	Movement
Mining	5.2	5.2	4.6	0.7	5.3	5.4	0.5	0.3
Manufacturing	95.0	95.3	73.4	22.4	95.8	95.1	0.9	0.6
Food, beverages and tobacco	17.0	17.3	12.3	5.0	17.3	17.2	0.3	0.2
Chemical, petroleum and coal products; non-metallic mineral products	5.5	5.4	4.7	0.9	5.5	5.4	0.2	0.1
Metal products	15.0	15.3	13.3	2.0	15.3	15.5	0.5	0.3
Transport equipment	15.1	15.1	13.8	1.2	15.1	14.6	0.1	0.1
Other machinery and equipment	13.8	13.9	10.5	3.5	13.9	13.9	0.4	0.3
Other manufacturing(b)	28.6	28.3	18.8	9.9	28.7	28.5	0.5	0.3
Electricity, gas and water	11.0	11.1	10.2	0.8	11.0	10.9	—	—
Construction	18.3	19.4	17.0	2.5	19.5	19.4	0.9	0.5
Wholesale and retail trade	85.9	86.8	47.2	40.0	87.2	90.0	3.2	2.5
Wholesale trade	26.8	26.9	19.9	7.2	27.1	29.4	2.3	2.2
Retail trade	59.1	59.9	27.2	32.8	60.1	60.6	2.2	1.1
Transport and storage	19.9	19.7	17.4	2.4	19.9	20.6	0.4	0.4
Communication	10.7	10.9	8.5	2.3	10.9	11.2	—	—
Finance, property and business services	42.6	43.3	21.1	23.1	44.2	44.1	3.1	1.6
Public administration and defence(c)	23.2	23.1	16.0	7.1	23.1	23.0	—	—
Community services	107.4	108.3	37.9	70.7	108.6	107.2	2.0	0.9
Health	46.3	46.5	9.5	37.2	46.7	46.7	1.6	0.4
Education	39.6	41.9	16.9	25.2	42.1	40.6	0.5	0.3
Other community services	21.4	19.8	11.5	8.3	19.9	19.9	1.1	0.7
Recreation, personal and other services(d)	27.9	28.8	11.7	17.1	28.8	28.9	1.5	0.8
Total all industries(e)	447.5	452.3	265.3	189.3	454.6	456.3	5.3	3.3
Standard error(a)—level	4.8	4.9	3.5	2.8	5.1	5.3		

For footnotes see Table 7.

TABLE 9. EMPLOYED WAGE AND SALARY EARNERS, WESTERN AUSTRALIA—INDUSTRY
(' 000)

Industry	September 1984	October 1984	November 1984		December 1984		Standard error(a)	
	Persons	Persons	Males	Females	Persons	Persons	Level	Movement
Mining	22.3	23.8	21.2	2.6	23.7	23.8	0.8	0.5
Manufacturing	63.0	62.7	50.7	13.0	63.7	63.9	1.0	0.7
Food, beverages and tobacco	11.6	11.1	7.8	3.5	11.3	11.4	0.3	0.3
Chemical, petroleum and coal products; non-metallic mineral products	7.6	7.8	7.0	0.8	7.8	7.9	0.1	0.1
Metal products	12.6	12.4	11.2	1.5	12.6	12.6	0.5	0.4
Transport equipment	5.0	5.0	4.5	0.5	5.0	5.1	0.1	0.1
Other machinery and equipment	7.9	7.5	6.2	1.2	7.4	7.4	0.5	0.4
Other manufacturing(b)	18.3	19.0	14.0	5.5	19.5	19.5	0.6	0.3
Electricity, gas and water	11.9	11.9	10.9	0.9	11.9	11.9	—	—
Construction	23.9	23.4	20.4	3.5	23.9	24.1	2.5	0.9
Wholesale and retail trade	91.0	95.0	49.8	45.7	95.5	96.8	2.6	1.8
Wholesale trade	27.5	27.7	20.1	7.7	27.7	27.6	1.0	0.3
Retail trade	63.5	67.2	29.7	38.1	67.8	69.2	2.4	1.8
Transport and storage	25.3	25.7	22.2	4.1	26.3	27.1	0.8	0.2
Communication	9.6	9.8	7.5	2.3	9.8	10.1	—	—
Finance, property and business services	46.2	47.4	23.4	24.4	47.8	48.0	2.0	1.2
Public administration and defence(c)	22.7	22.8	15.4	7.3	22.7	22.7	—	—
Community services	107.9	108.1	39.2	69.6	108.8	103.0	1.9	0.8
Health	44.7	45.4	10.2	35.1	45.3	45.7	1.1	0.4
Education	44.0	44.6	18.3	26.7	45.0	38.8	0.7	0.3
Other community services	19.2	18.1	10.8	7.7	18.5	18.5	1.3	0.6
Recreation, personal and other services(d)	31.3	31.2	12.4	19.5	31.8	31.7	1.4	1.3
Total all industries(e)	456.7	463.1	274.3	193.2	467.5	464.4	5.0	2.9
Standard error(a)—level	4.6	4.7	3.2	3.1	4.9	5.0		

For footnotes see Table 7.

TABLE 10. EMPLOYED WAGE AND SALARY EARNERS, TASMANIA—INDUSTRY ('000)

Industry	September 1984	October 1984	November 1984		December 1984		Standard error(a)	
	Persons	Persons	Males	Females	Persons	Persons	Level	Movement
Mining	3.3	3.3	3.1	0.2	3.3	3.3	—	—
Manufacturing	23.8	24.0	19.5	4.6	24.2	24.2	0.3	0.2
Food, beverages and tobacco	5.1	5.2	3.5	1.9	5.4	5.5	0.2	0.1
Paper, printing and publishing	5.2	5.2	4.4	0.8	5.2	5.3	0.1	—
Chemical, petroleum and coal products; non-metallic mineral products	1.7	1.7	1.6	0.2	1.7	1.7	—	—
Metal products	4.7	4.7	4.4	0.3	4.7	4.6	0.1	—
Other manufacturing(b)	7.1	7.2	5.6	1.5	7.1	7.1	0.2	0.2
Electricity, gas and water	5.8	5.8	5.3	0.4	5.7	5.8	—	—
Construction	6.4	6.9	6.1	1.0	7.1	7.1	0.5	0.4
Wholesale and retail trade	23.8	22.9	13.1	10.3	23.5	24.1	0.6	0.4
Wholesale trade	7.1	7.2	5.6	1.7	7.2	7.4	0.3	0.3
Retail trade	16.7	15.7	7.6	8.7	16.2	16.7	0.6	0.4
Transport and storage	6.6	7.8	5.9	2.0	7.9	8.0	0.1	0.1
Communication	3.3	3.3	2.6	0.7	3.3	3.4	—	—
Finance, property and business services	14.0	13.6	6.5	7.4	14.0	14.3	2.3	0.8
Public administration and defence(c)	7.7	7.6	5.2	2.3	7.5	7.4	—	—
Community services	32.5	35.7	13.1	23.2	36.2	34.1	0.8	0.5
Health	13.9	14.6	3.0	11.7	14.7	14.6	0.7	0.5
Education	13.8	16.1	6.7	9.8	16.5	14.4	0.2	0.1
Other community services	4.7	5.0	3.4	1.7	5.1	5.2	0.2	0.1
Recreation, personal and other services(d)	9.5	9.5	3.8	6.0	9.8	10.2	0.7	0.5
Total all industries(e)	137.5	141.1	84.9	58.3	143.2	142.6	2.6	1.3
Standard error(a)—level	2.6	2.3	1.1	1.5	2.4	2.6		

(a) See Explanatory notes, paragraphs 16-22. (b) Includes textiles, clothing and footwear; wood, wood products and furniture; transport equipment; other machinery and equipment; miscellaneous manufacturing. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates, etc. (d) Excludes private households employing staff. (e) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting.

TABLE 11. EMPLOYED WAGE AND SALARY EARNERS, NORTHERN TERRITORY—INDUSTRY
(' 000)

Industry	September 1984	October 1984	November 1984		December 1984		Standard error(a)	
	Persons	Persons	Males	Females	Persons	Persons	Level	Movement
Mining	2.0	1.7	1.5	0.2	1.7	1.8	—	0.3
Manufacturing	2.8	2.8	2.2	0.6	2.8	2.5	0.2	0.1
Electricity, gas and water	1.2	1.2	1.0	0.2	1.2	1.2	—	—
Construction	4.5	5.3	4.6	0.7	5.3	5.1	0.4	0.2
Wholesale and retail trade	8.3	8.1	4.4	3.9	8.2	8.2	0.5	0.3
Transport and storage	2.1	2.2	1.5	0.7	2.2	2.2	0.2	0.1
Communication	1.1	1.1	0.8	0.4	1.1	1.1	—	—
Finance, property and business services	4.0	4.2	1.7	2.4	4.1	4.1	1.1	0.5
Public administration and defence(b)	6.0	6.1	3.7	2.4	6.1	6.1	—	—
Community services	11.8	12.5	5.6	6.8	12.4	12.4	1.7	1.7
Health	3.2	3.2	0.9	2.4	3.2	3.3	0.1	0.1
Education	4.9	4.9	1.8	3.2	5.0	5.0	0.1	0.1
Other community services	3.7	4.3	3.0	1.2	4.2	4.2	1.6	1.6
Recreation and personal services	3.6	4.3	1.8	2.4	4.2	4.1	0.3	0.3
Total all industries	47.4	49.5	28.9	20.6	49.4	49.0	2.1	1.9
Standard error(a)—level	1.6	2.1	1.4	1.1	2.1	2.1		

(a) See Explanatory notes, paragraphs 16-22. (b) Excludes members of permanent defence forces and employees of overseas embassies, consulates, etc.

TABLE 12. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIAN CAPITAL TERRITORY—INDUSTRY
(' 000)

Industry	September 1984	October 1984	November 1984		December 1984		Standard error(a)	
	Persons	Persons	Males	Females	Persons	Persons	Level	Movement
Manufacturing	4.8	4.3	3.2	1.1	4.3	4.3	0.2	0.5
Electricity, gas and water	0.9	0.9	0.8	0.1	0.9	0.9	—	—
Construction	5.7	6.3	5.5	0.9	6.4	6.4	0.7	0.4
Wholesale and retail trade	13.0	13.5	7.0	6.5	13.5	13.6	0.7	0.3
Transport and storage	4.0	4.2	3.2	1.0	4.2	4.2	0.2	—
Communication	1.8	1.8	1.3	0.6	1.8	1.9	—	—
Finance, property and business services	9.5	9.7	4.5	5.1	9.6	9.6	1.2	0.5
Public administration and defence(b)	31.1	31.9	19.2	12.8	32.0	31.9	—	—
Community services	27.4	28.8	11.7	18.2	29.9	28.8	0.6	0.2
Health	7.0	7.4	1.5	6.0	7.4	7.3	0.6	0.2
Education	14.7	15.1	6.7	8.8	15.5	15.4	0.3	0.1
Other community services	5.7	6.3	3.6	3.4	7.0	6.2	0.6	0.3
Recreation and personal services	8.8	8.8	4.6	4.1	8.7	8.6	0.6	0.7
Total all industries(c)	107.4	110.2	61.1	50.4	111.6	110.6	1.8	1.1
Standard error(a)—level	2.0	1.8	1.1	1.8	2.2	1.8		

(a) See Explanatory notes, paragraphs 16-22. (b) Excludes members of permanent defence forces and employees of overseas embassies, consulates, etc. (c) Includes mining, and employees of government agencies classified to agriculture, forestry, fishing and hunting.